

PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera

MIAMI-DADE COUNTY

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Eurotech Industries, Inc. 4201 NE 12th Terrace Ft. Lauderdale, FL 33334

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building

Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "80 HW" Aluminum Single Hung Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. W11–22, titled "Series 80 HW Alum. Single Hung Wdw. (S.M.I.)", sheets 1 through 6 of 6, dated 04/01/11, with revision B dated 10/13/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA #11-0426.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY APPROVED

NOA No. 12-0207.06 Expiration Date: July 07, 2016 Approval Date: April 19, 2012 Page 1

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No W11–22, titled "Series 80 HW Alum. Single Hung Wdw. (S.M.I.)", sheets 1 through 6 of 6, dated 04/01/11, with revision B dated 10/13/11, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, Type "A" sliding door, Grade 10, per ASTM F 588-07 and per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of 80 HW single hung windows, prepared by American Test Lab of South Florida, Test Report No. **ATLSF 0310.01-11**, dated 03/28/2011, signed and sealed by Julio E. Gonzalez, P. E. (Submitted under previous NOA#11-0426.02)

C. CALCULATIONS

- 1. Anchor calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 04/20/11, signed and sealed by Javad Ahmad, P. E. (Submitted under previous NOA#11-0426.02)
- 2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11–0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/11, expiring on 12/11/16.
- 2. Notice of Acceptance No. 08-0206.01 issued to Solutia, Inc. for their "Saflex HP Glass Interlayer" dated 04/17/08, expiring on 04/14/13.

Manuel Pérez, P.E.
Product Control Examiner
NOA No. 12-0207.06

Expiration Date: July 07, 2016 Approval Date: April 19, 2012

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

- 1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated October 12, 2011, signed and sealed by Javad Ahmad, P.E.
- 1. Laboratory compliance letter for Test Report No. ATLSF 0310.01-11 issued by American Test Lab of South Florida, dated 03/28/2011, signed and sealed by Julio E. Gonzalez, P. E.

(Submitted under previous NOA#11-0426.02)

2. Proposal No. 09–0094 issued by Product Control, dated 12/10/10, signed by Jaime D. Gascon, P. E.

(Submitted under previous NOA#11-0426.02)

G. OTHER

1. Notice of Acceptance No. 11-0426.02, issued to Eurotech Industries, Inc. for their Series "80 HW" Aluminum Single Hung Window – S.M.I., approved on 07/07/11 and expiring on 07/07/16.

Manuel Perez, P.E. Product Control Examiner NOA No. 12-0207-06 Expiration Date: July 07, 2016

Approval Date: April 19, 2012

SERIES 80 HW

ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

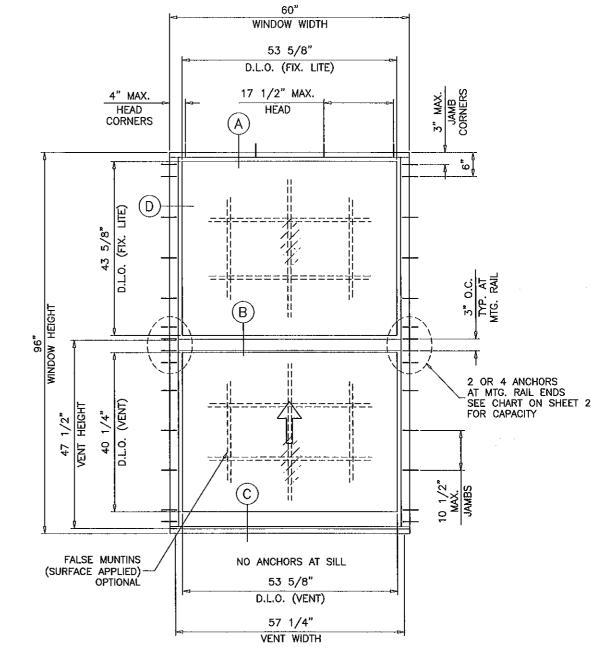
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

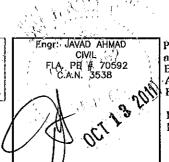
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATIONS
TESTED UNITS

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT.
MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS
REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-0207.06 Expiration Date JULY 17-2016

By Watter Product Control

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OQ CORPORATION PRODUCT DEVELOPMENT

AL-FAROOQ COF ENGINEERS & PRODUCT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264-8100

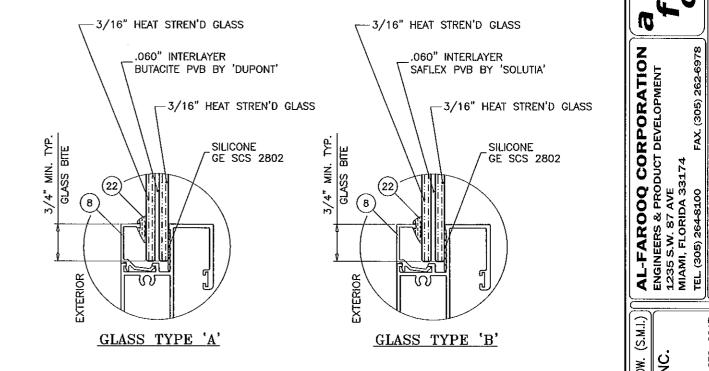
SERIES 80 HW ALUM SINGLE HUNG WDW.

EUROTECH INDUSTRIES INC
4201 N.E. 12TH TERRACE
FT. LAUDERDALE, FL. 33334
TEL. (954) 630-9967 FAX. (954) 63

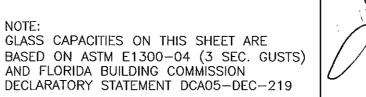
sheet 1 of 6

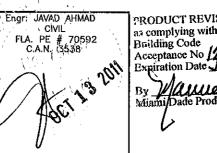
DESIGN LOAD CAPACITY - PSF GLASS TYPES 'A' & 'B'							
WINDOW DIMS.		2 ANCHORS AT MTG. RAILS		4 ANCHORS AT MTG. RAILS			
WIDTH	LENGTH	EXT.(+)	INT.(~)	EXT.(+)	INT.(-)		
26-1/2"	26"	90.0	140.0	90.0	140.0		
32"		90.0	140.0	90.0	140.0		
37"		90.0	140.0	90.0	140.0		
42"		90.0	140.0	90.0	140.0		
48"		90.0	140.0	90.0	140.0		
53-1/8"		90.0	140.0	90.0	140.0		
26-1/2"	38-3/8"	90.0	140.0	90.0	140.0		
32"		90.0	140.0	90.0	140.0		
37"		90.0	140.0	90.0	140.0		
42"		90.0	140.0	90.0	140.0		
48"		90.0	123.3	90.0	140.0		
53-1/8"		90.0	107.2	90.0	140.0		
26-1/2"	50-5/8"	90.0	140.0	90.0	140.0		
32"		90.0	140.0	90.0	140.0		
37"		90.0	140.0	90.0	140.0		
42"		90.0	127.4	90.0	140.0		
48"		90.0	102.7	90.0	140.0		
53-1/8"		88.2	88.2	90.0	140.0		
26-1/2"		90.0	140.0	90.0	140.0		
32"		90.0	140.0	90.0	140.0		
37"	63"	90.0	138.4	90.0	140.0		
42"	05	90.0	116.8	90.0	140.0		
48"		90.0	91.7	90.0	133.3		
53-1/8"		77.5	77 . 5	90.0	120.5		
26-1/2"		90.0	140.0	90.0	140.0		
32"		90.0	140.0	90.0	140.0		
37"	74-1/4"	90.0	140.0	90.0	140.0		
42"		90.0	113.7	90.0	140.0		
48"		86.5	86.5	90.0	135.8		
53-1/8"		71.9	71.9	90,0	122.7		

DESIGN LOAD CAPACITY - PSF GLASS TYPES 'A' & 'B'						
2 ANCHORS 4 ANCHORS						
WINDOY	W DIMS.	ı	AT MTG. RAILS		AT MTG. RAILS	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.()	
24"		90.0	140.0	90.0	140.0	
30"		90.0	140.0	90.0	140.0	
36"		90.0	140.0	90.0	140.0	
42"	48"	90.0	130.9	90.0	140.0	
48"		90.0	106.1	90.0	140.0	
54"		89.2	89.2	90.0	140.0	
60"		76.9	76.9	90.0	140.0	
24"		90.0	140.0	90.0	140.0	
30"		90.0	140.0	90.0	140.0	
36"		90.0	140.0	90.0	140.0	
42"	54"	90.0	123.6	90.0	140.0	
48"		90.0	99.0	90.0	140.0	
54"		82.6	82.6	90.0	138.3	
60"		70.8	70.8	90.0	124.4	
24"		90.0	140.0	90.0	140.0	
30"		90.0	140.0	90.0	140.0	
36"		90.0	140.0	90.0	140.0	
42"	60"	90.0	118.6	90.0	140.0	
48"		90.0	93.8	90.0	140.0	
54"		77.5	77.5	90.0	124.4	
60"		66.1	66.1	90.0	112.0	
24"		90.0	140.0	90.0	140.0	
30"		90.0	140.0	90.0	140.0	
36"		90.0	140.0	90.0	140.0	
42"	72"	90.0	113.9	90.0	140.0	
48"		87.3	87.3	90.0	140.0	
54"		70.7	70.7	90.0	124.4	
60"		59.5	59.5	90.0	112.0	
24"		90.0	140.0	90.0	140.0	
30"	ļ	90.0	140.0	90.0	140.0	
36"	į	90.0	133.3	90.0	140.0	
42"	84"	90.0	113.7	90.0	137.1	
48"		84.7	84.7	90.0	120.0	
54"		67.0	67.0	90.0	106.7	
60"		55.4	55.4	90.0	96.0	
24"		90.0	140.0	90.0	140.0	
30"		90.0	140.0	90.0	140.0	
36"		90.0	140.0	90.0	140.0	
42"	96"	90.0	113.7	90.0	140.0	
48"		84.6	84.6	90.0	122.5	
54"		65.5	65.5	90.0	108.9	
60"		53.1	53.1	90.0	98.0	



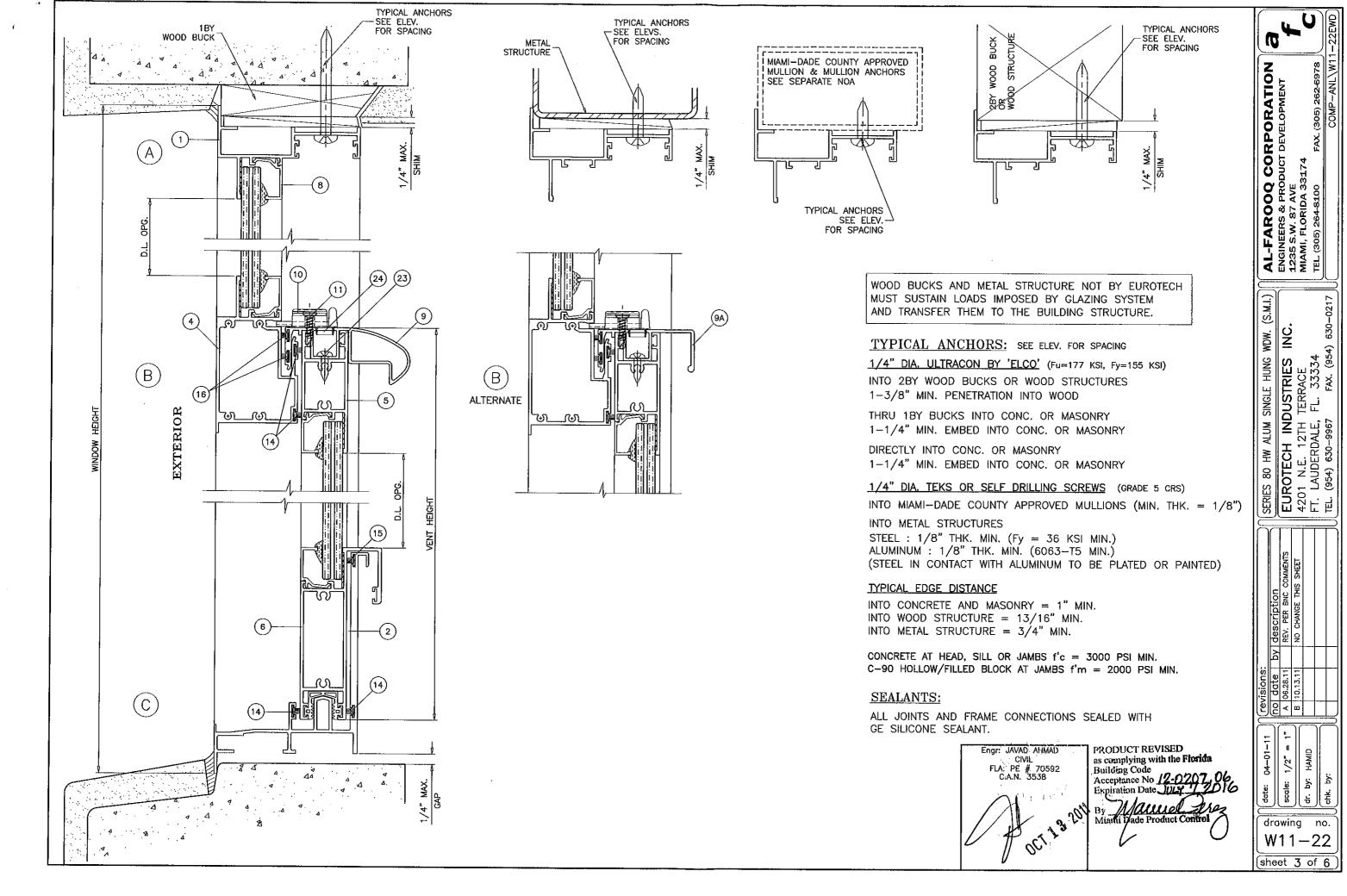
GLAZING OPTIONS

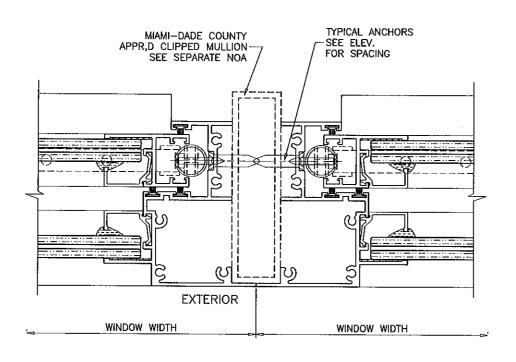


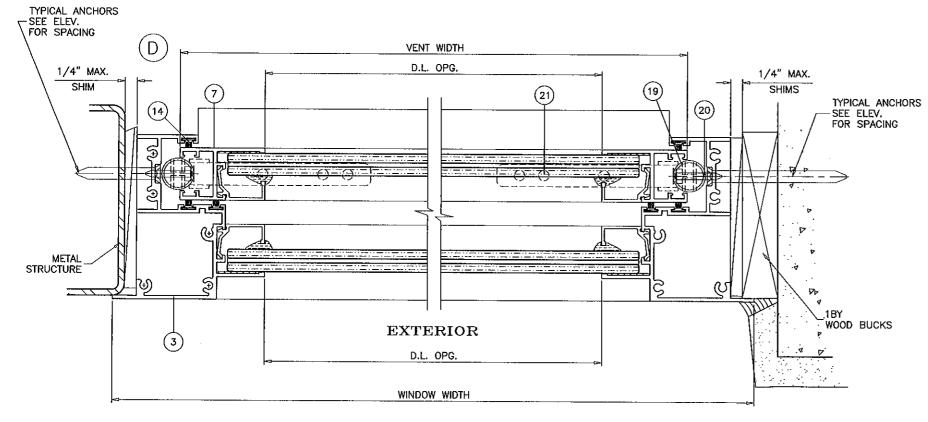


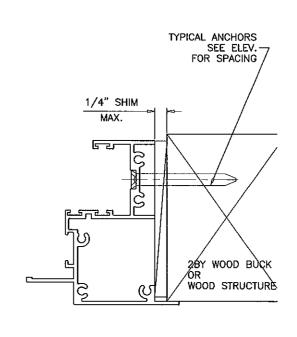
PRODUCT REVISED as complying with the Florida
Building Code
Acceptance No 12-0207.06
Expiration Date 1011 7.2016 80 HW ALUM SINGLE HUNG WDW. (S.M.I.) EUROTECH INDUSTRIES INC. 4201 N.E. 12TH TERRACE FT. LAUDERDALE, FL. 33334 TEL. (954) 630–9967 FAX. (954) 630–0 04-01-11 1/2"=1'-0" ؿٚ Ą. drawing no. sheet 2 of 6

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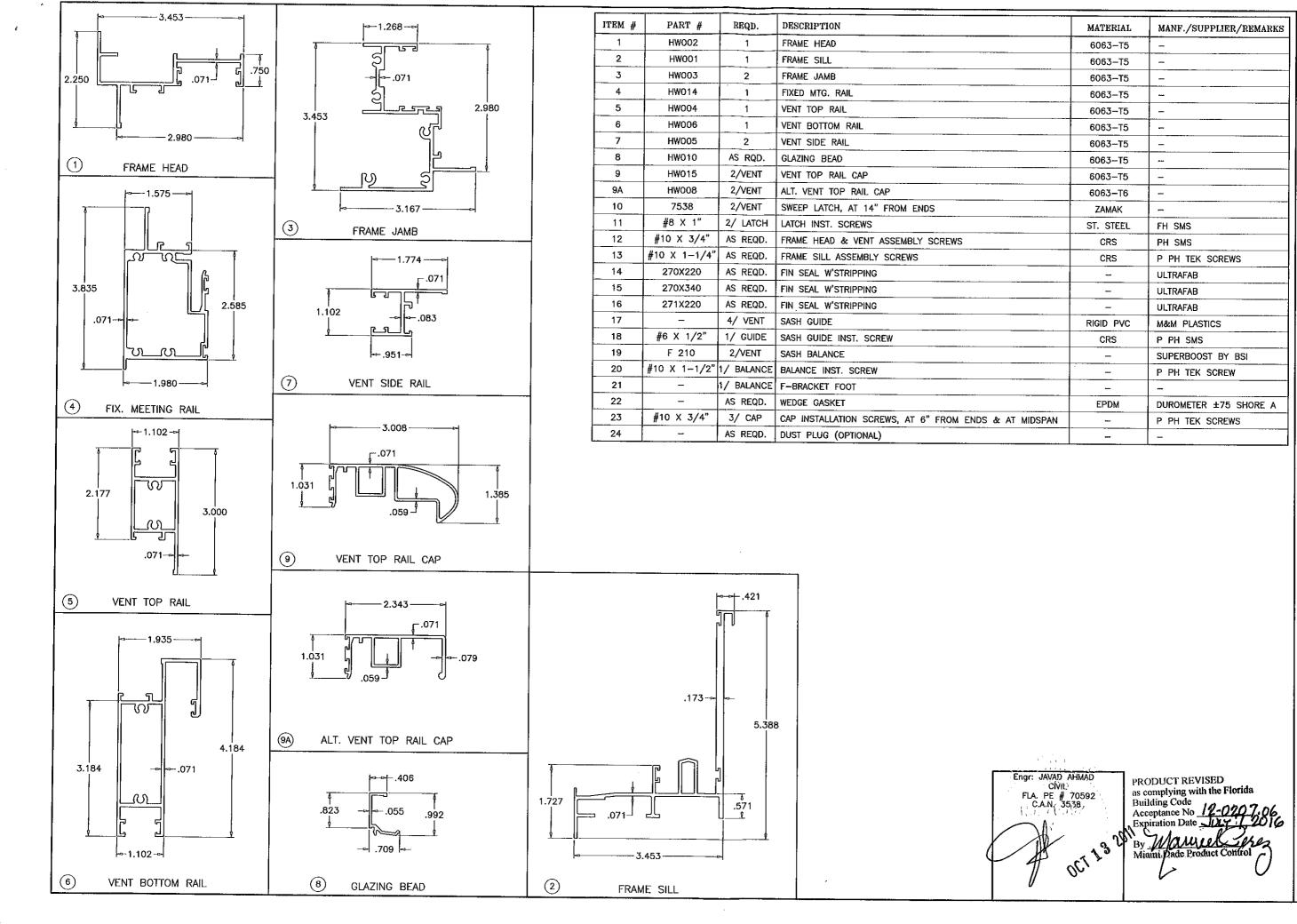
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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(S.M.1.)

630-0217

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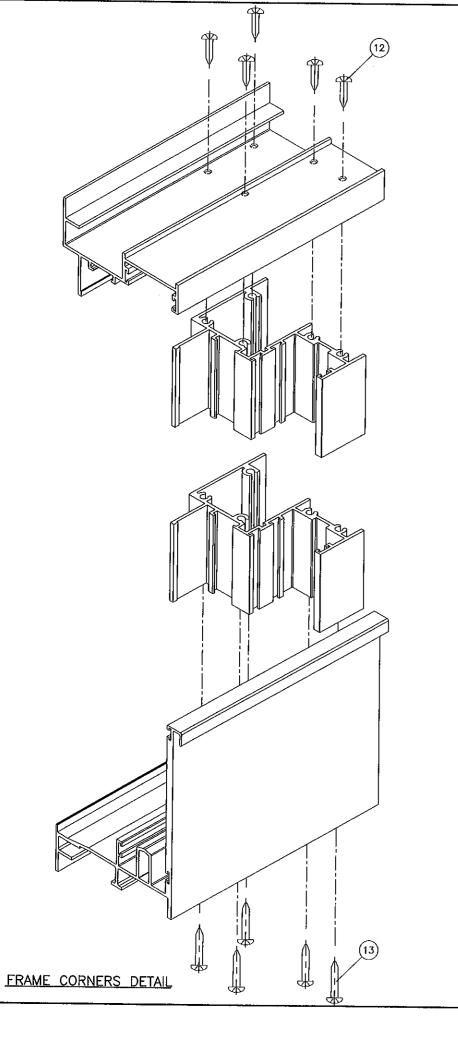
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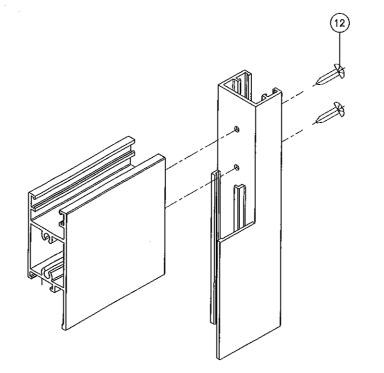
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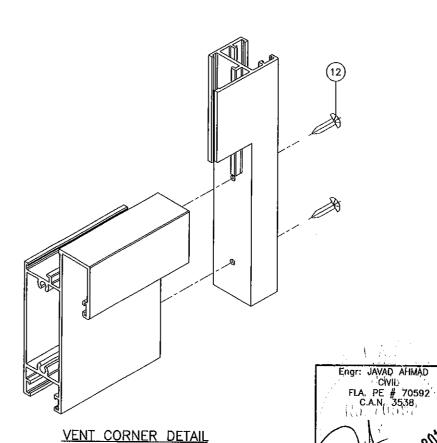
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date: 04-01-11 scale: 1/2" = 1" HAMID

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drawing no. W11-22

sheet 6 of 6